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Approved For Release 2002/05/07 : CIA-RDP78T04759A009100010102-4

TCS-13946/69  
17 December 1969

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MEMORANDUM FOR: [REDACTED] CIA-OSR-SF/D

SUBJECT : Analysis of Selected Soviet Air Warning Radar Facilities

REFERENCES : CIA C-SR9-85,911  
(NPIC Project 250519AA)

25X1A

1. This memorandum, one of a series in response to the referenced requirement, presents details of four Soviet air warning radar facilities. Each of the facilities described below has been analyzed on all available high-resolution KEYHOLE photography. Annotated photography and a chronological table indicating the number and types of radars observed at individual facilities on specific missions are forwarded as attachments. The dimensions given in this memorandum are accurate to within  $\pm(1.2$  meters plus 1 percent) with a 95 percent confidence level.

2. The selected air warning radar facilities included in this memorandum are:

- a. Babarabkala TALL KING AW Radar Facility  
38-03-40N 058-13-40E, BE [REDACTED]

25X1A

The Babarabkala TALL KING Air Warning Radar Facility (Attachments 1 and 1-A), located 10 nautical miles (nm) northwest of Ashkabad, USSR, consists of a radar operations area containing one TALL KING radar, one antenna building, one generator building, four support buildings, and one unoccupied radar mound.

Four unoccupied radar mounds, one building, and one building under construction are located approximately 5 nm south of the radar facility. No housing or barracks are identified at the facility.

- b. Tura TALL KING AW Radar Facility  
64-17-06N 100-14-20E, BE [REDACTED]

25X1A

The Tura TALL KING Air Warning Radar Facility (Attachments 2 and 2-A), located 1 nm east of Tura, USSR, consists of a radar operations area and a support area. The radar operations area contains two TALL KING

Declass Review by NIMA / DoD

GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
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radars, one SIDE NET radar on a radar mound, one antenna building, two generator buildings, six support buildings, and two SPOON REST radars. The adjacent support area contains ten buildings, including one barracks, which has a total floorspace of [REDACTED]

- c. Izhevsk TALL KING AW Radar Facility  
56-54-00N 053-19-00E, BE [REDACTED]

The Izhevsk TALL KING Air Warning Radar Facility (Attachments 3 and 3-A), located 6 nm northeast of Izhevsk, USSR, consists of a radar operations area and a support area. The radar operations area contains one TALL KING radar, one antenna building, one generator building, one SIDE NET radar, one SPOON REST radar, and three support buildings.

The adjacent support area contains two KNIFE REST radars and 14 support buildings. No housing or barracks are identified at the facility.

- d. Volochanka TALL KING AW Radar Facility  
70-57-45N 094-34-48E, BE [REDACTED]

The Volochanka TALL KING Air Warning Radar Facility (Attachments 4 and 4-A), located 1 nm southeast of Volochanka, USSR, contains a radar operations area and a support area. The radar operations area contains one TALL KING radar, one antenna building, four support buildings, one generator building, and six fuel tanks.

The adjacent support area contains one SPOON REST radar, one administration building, one barracks, 15 support buildings, and two buildings under construction. The barracks has a total floorspace of [REDACTED]

3. This is a partial response to the requirement. Any further inquiries should be directed to [REDACTED] NPIC/IEG/SD/EB, IDS Code 143, extension [REDACTED]

Chief, Imagery Exploitation Group  
NPIC

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Attachments:

- 1 Babarabkala TALL KING Air Warning Radar Facility
- 1-A Radars observed at Babarabkala TALL KING Air Warning Radar Facility
- 2 Tura TALL KING Air Warning Radar Facility
- 2-A Radars observed at Tura TALL KING Air Warning Radar Facility
- 3 Izhevsk TALL KING Air Warning Radar Facility
- 3-A Radars observed at Izhevsk TALL KING Air Warning Radar Facility
- 4 Volochanka TALL KING Air Warning Radar Facility
- 4-A Radars observed at Volochanka TALL KING Air Warning Radar Facility

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- 7 - NPIC/PSG/RRD/ESS
- 8 - CIA/DDI/IRS/Recce/R
- 9 - CIA/IAS
- 10 - DIAXX-3A
- 11 - TCO/NRTSC
- 12 - AFNIE-BA

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